Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L49	28	(((PDF or "probability density function") or (CDF or "cumulative distribution function")) and (brightness or lightness or intensity)).CLM.	US-PGPUB	OR	OFF	2005/09/30 15:56
L46	2	358/3.22.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:55
S82	2	358/3.22.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:52
S81	1	358/3.22.ccls. and ((PDF or "probability density function") or (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:52
S78	1	348/687.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:52
L45	1	348/687.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:52
L44	1	358/3.22.ccls. and ((PDF or "probability density function") or (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:52
S75	1	382/273.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:51
L43	1	382/273.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:51
L42	31	382/274.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:51

S73	1	382/172.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:50
S72	31	382/274.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:50
L41	1	382/172.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:50
S69	1	382/271.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:49
L40	1	382/271.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:49
S66	81	382/271.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:48
L39	81	382/271.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:48
S46	88	(PDF or "probability density function") and (CDF or "cumulative distribution function") and (bright$4 or intensity or lumin$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:47
L38	96	(PDF or "probability density function") and (CDF or "cumulative distribution function") and (bright$4 or intensity or lumin$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:47
L37	7	382/168.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:45

L36	19	382/170.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L35	16	382/169.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L34	26	382/168.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L33	450	382/168.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L32	2	382/172.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L31	2	382/170.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L30	9	382/169.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L29	233	382/169.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
L27	4	345/690.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:43
S44	2	382/172.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42

S43	2	382/170.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
S42	9	382/169.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
S39	382	382/170.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
S38	211	382/169.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
S37	1	345/690.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
L28	420	382/170.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
L26	1	345/690.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
L21	0	345/643.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:42
S36	1	345/690.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
S35	0	345/690.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41

S34	0	345/690.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
S33	763	345/690.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
S32	1	345/643.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
L25	1	345/690.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
L24	0	345/690.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
L23	0	345/690.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
L22	893	345/690.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
L20	2	345/643.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
L19	0	345/643.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41
L15	6	345/428.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:41

S31	0	345/643.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:40
S30	0	345/643.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:40
S29	0	345/643.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:40
S28	134	345/643.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:40
L18	0	345/643.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:40
L17	0	345/643.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:40
L16	153	345/643.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:40
L14	9	345/589.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:35
L13	9	345/581.ccls. and (probability near3 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:35
L6	9	345/581.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:35

S27	6	345/589.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
S26	4	345/589.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
S25	1	345/589.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
S24	0	345/589.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
L12	6	345/589.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
L11	7	345/589.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
L10	1	345/589.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
L9	0	345/589.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:34
S23	964	345/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
S22	7	345/581.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33

S21	7	345/581.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
S20	0	345/581.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
S19	0	345/581.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
L8	1098	345/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
L7	7	345/581.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
L5	0	345/581.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
L4	0	345/581.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:33
S18	497	345/581.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:32
L3	574	345/581.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:32
S17	2	345/428.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:31

L2	3	345/428.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 15:31
S12 7	5	345/428.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:23
S12 6	0	345/428.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:15
S12 5	0	345/428.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:15
S12 4	497	345/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:15
S16	5	345/428.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:15
S15	0	345/428.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:15
S14	0	345/428.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:15
S13	454	345/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:15
S12 3	5	((underflow or (under adj flow)) or (overflow or (over adj flow))) near7 (buffer memory register slot bin tile) same (PDF or "probability density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:09

S12 1	7	(S109 or S110) and ((tile slot allocation memory) near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:06
S12 2	6	(S109 or S110) and ((buffer) near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:05
S11 8	1	(S112 or S113) and ((buffer) near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:04
S11 7	1	(S112 or S113) and ((tile slot allocation memory) near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:04
S12 0	0	(S109 or S110) and (tile near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:03
S11 9	2	(S109 or S110) and (bin near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:03
S11 6	0	(S112 or S113) and (tile near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:03
S11 5	2	(S112 or S113) and (bin near3 (underflow or ((under adj flow)) or (overflow or (over adj flow))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:03
S11 4	75	S112 and S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 13:00
S11 3	380	("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls. or "358"/$.ccls.) and ((luminance or brightness or intensit$3) same (densit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:35

S11 2	149	("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls. or "358"/$.ccls.) and ((luminance or brightness or intensit$3) same (probabilit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:35
S11 1	379	S109 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:35
S11 0	1421	("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls. or "358"/$.ccls.) and ((luminance or brightness or intensit$3) and (densit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:35
S10 9	812	("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls. or "358"/$.ccls.) and ((luminance or brightness or intensit$3) and (probabilit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:35
S10 8	7	345/426.ccls. and ((luminance or brightness or intensit$3) and (probabilit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:34
S10 7	11	345/426.ccls. and ((luminance or brightness or intensit$3) and (densit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:04
S10 5	1	345/426.ccls. and ((luminance or brightness or intensit$3) same (probabilit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:04
S10 6	3	345/426.ccls. and ((luminance or brightness or intensit$3) same (densit$3 near5 function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:03
S10 2	37	345/426.ccls. and ((luminance or brightness or intensit$3) same densit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:00
S10 3	11	345/426.ccls. and ((luminance or brightness or intensit$3) same probabilit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:59

S10 4	0	S99 and S102 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:47
S99	66	345/426.ccls. and ((luminance or brightness or intensit$3) same distribut$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:46
S97	2	345/426.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:45
S96	0	345/426.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:45
S95	0	345/426.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:45
S12	2	345/426.ccls. and ((overflow and underflow) or ((over adj3 flow) and (under adj3 flow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:45
S11	0	345/426.ccls. and (CDF or "cumulative density function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:45
S10	2	345/426.ccls. and ((PDF or "probability density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:45
S9	0	345/426.ccls. and ((PDF or "probability density function") and (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:45
S94	642	345/426.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:44

S5	578	345/426.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:44
S93	68	(PDF or "probability density function") and (CDF or "cumulative density function") and (bright$4 or intensity or lumin$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:29
S6	62	(PDF or "probability density function") and (CDF or "cumulative density function") and (bright$4 or intensity or lumin$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:29
S92	22	kang-hyun.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:28
S91	19	oh-jae-hwan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:28
S90	45	yang-seung-joon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:27
S89	25	park-yung-jun.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:26
S4	15	kang-hyun.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:26
S3	15	oh-jae-hwan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:26
S2	37	yang-seung-joon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:26

S1	22	park-yung-jun.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 10:26
S88	112	(((("probability density function") or (CDF or "cumulative density function") or ("cumulative distribution function")) near7 (adjust$4 or modif$5))	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/02/16 14:27
S87	3	"345"/$.ccls. and (((PDF or "probability density function") or (CDF or "cumulative density function") or ("cumulative distribution function")) near7 (adjust$4 or modif$5))	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/02/16 14:27
S86	240	(((PDF or "probability density function") or (CDF or "cumulative density function") or ("cumulative distribution function")) near7 (adjust$4 or modif$5))	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/02/16 14:27
S85	2	(S63 or S64 or S65 or S66 or S67) and (((PDF or "probability density function") or (CDF or "cumulative density function") or ("cumulative distribution function")) near7 (adjust$4 or modif$5))	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/02/16 14:26
S84	20	S72 and (((maximum or max) and (minimum or min)) or ((upper and lower) near5 limit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 10:09
S80	1	348/687.ccls. and ((PDF or "probability density function") or (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 10:01
S79	0	348/687.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 10:00
S77	336	348/687.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 10:00
S67	181	382/273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 10:00

S70	1	382/271.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 09:58
S74	7	382/172.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 09:55
S71	11	382/270.ccls. and ((PDF or "probability density function") or (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 09:54
S63	224	382/172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 09:54
S68	843	382/274.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 09:32
S65	598	382/270.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 09:32
S62	1	382/172.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:29
S61	2	382/170.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:29
S60	8	382/169.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:29
S59	1	345/690.ccls. and (CDF or "cumulative distribution function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:29

S58	0	345/690.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:28
S57	0	345/643.ccls. and (CDF or "cumulative distribution function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:28
S56	0	345/643.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:28
S55	1	345/589.ccls. and (CDF or "cumulative distribution function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:28
S54	0	345/589.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:27
S53	0	345/581.ccls. and (CDF or "cumulative distribution function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:27
S52	0	345/581.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:27
S51	0	345/428.ccls. and (CDF or "cumulative distribution function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:27
S50	0	345/428.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:27
S49	0	345/426.ccls. and (CDF or "cumulative distribution function")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:26

S48	0	345/426.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:26
S47	0	345/426.ccls. and ((PDF or "probability density function") and (CDF or "cumulative distribution function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:26
S45	18	382/169.ccls. and ((PDF or "probability density function") or (CDF or "cumulative density function"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/16 08:01
S8	0	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/15 14:18

RESULT LIST
11 results found in the Worldwide database for:
probability AND density AND brightness in the title or abstract
(Results are sorted by date of upload in database)

1   APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR

Inventor: PARK YUNG-JUN; OH JAE-HWAN; (+2) Applicant: SAMSUNG ELECTRONICS CO LTD

EC: IPC: H04N5/20; G06T5/00; (+5)

Publication info: **JP2005039817** - 2005-02-10

2   Apparatus and method for adaptive brightness control

Inventor: PARK YUNG-JUN (KR); YANG SEUNG-JOON (KR); (+2)   Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

EC: H04N1/407B2   IPC: H04N5/14

Publication info: **US2004109091** - 2004-06-10

3   Apparatus and method for brightness control

Inventor: PARK YUNG-JUN (KR); YANG SEUNG-JOON (KR); (+2)   Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

EC: G06T5/00D; G06T5/40; (+1)   IPC: G06K9/40

Publication info: **US2004109612** - 2004-06-10

4   DISPLAY DEVICE

Inventor: HATTA SHINICHIRO; NAKAO TAKETOSHI   Applicant: MATSUSHITA ELECTRIC IND CO LTD

EC: IPC: F21V8/00; G02B6/00; (+3)

Publication info: **JP2002231036** - 2002-08-16

5   Image enhancement method using histogram equalization

Inventor: KIM YEONG-TAEG (KR)   Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

EC: G06T5/40; H04N5/20   IPC: H04N5/14

Publication info: **US5923383** - 1999-07-13

6   VIDEO IMPROVING METHOD/CIRCUIT USING AVERAGE-MATCHING HISTOGRAM EQUALIZATION

Inventor: KIM YEONG-TAEG; CHO YONG-HUN   Applicant: SAM SUNG ELECTRONIC

EC: G06T5/40   IPC: H04N5/57

Publication info: **JP10032769** - 1998-02-03

7   METHOD FOR DESIGNING PAINT FILM GIVING FEELING OF DEPTH

Inventor: HATTORI HIROSHI; NAKAJIMA TAKEHIKO; (+6)   Applicant: TOYOTA MOTOR CORP; TOYOTA CENTRAL RES & DEV; (+2)

EC: IPC: G01N21/57; B05D1/36; (+2)

Publication info: **JP6241995** - 1994-09-02

8   QUANTATIVE ANALYZING METHOD FOR SPOT

Inventor: SEKIGUCHI HIDEYUKI   Applicant: SCALA KK

EC: IPC: A61B5/00; A61B5/107; (+2)

Publication info: **JP5130981** - 1993-05-28

9   FEATURE AMOUNT EXTRACTING DEVICE FOR THREE-DIMENSIONAL OBJECT

Inventor: KAWAKAMI HAJIME   Applicant: NIPPON ELECTRIC CO

EC: IPC: G06F15/62

Publication info: **JP62276674** - 1987-12-01

10   DISPLAY UNIT FOR VIDEO RADAR

Inventor: FUJISAKA TAKAHIKO; OHASHI YOSHIMASA; (+1)   Applicant: MITSUBISHI ELECTRIC CORP

EC: IPC: G01S7/06

Publication info: **JP62235583** - 1987-10-15

RESULT LIST
3 results found in the Worldwide database for:
probability AND density AND brightness AND cumulative in the title or abstract
(Results are sorted by date of upload in database)

1   **APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR**
    Inventor: PARK YUNG-JUN; OH JAE-HWAN; (+2)   Applicant: SAMSUNG ELECTRONICS CO LTD

    EC: IPC: H04N5/20; G06T5/00; (+5)

    Publication info: **JP2005039817** - 2005-02-10

2   **Apparatus and method for brightness control**
    Inventor: PARK YUNG-JUN (KR); YANG SEUNG-JOON   Applicant: SAMSUNG ELECTRONICS CO LTD (KR)
    (KR); (+2)
    EC: G06T5/00D; G06T5/40; (+1)   IPC: G06K9/40

    Publication info: **US2004109612** - 2004-06-10

3   **VIDEO IMPROVING METHOD/CIRCUIT USING AVERAGE-MATCHING HISTOGRAM EQUALIZATION**
    Inventor: KIM YEONG-TAEG; CHO YONG-HUN   Applicant: SAM SUNG ELECTRONIC

    EC: G06T5/40   IPC: H04N5/57

    Publication info: **JP10032769** - 1998-02-03

Data supplied from the *esp@cenet* database - Worldwide

1   APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD
     THEREFOR
     Inventor: PARK YUNG-JUN; OH JAE-HWAN; (+2)   Applicant: SAMSUNG ELECTRONICS CO LTD

     EC: IPC: H04N5/20; G06T5/00; (+5)

     Publication info: **JP2005039817** - 2005-02-10

RESULT LIST
1 result found in the Worldwide database for:
probability AND density AND brightness AND underflow in the title or abstract
(Results are sorted by date of upload in database)

1   **APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD
    THEREFOR**

   Inventor: PARK YUNG-JUN; OH JAE-HWAN; (+2)   **Applicant:** SAMSUNG ELECTRONICS CO LTD

   EC: **IPC:** H04N5/20; G06T5/00; (+5)

   Publication info: JP2005039817 - 2005-02-10

RESULT LIST
0 results found in the Worldwide database for:
probability AND density AND brightness AND bin in the title or abstract
(Results are sorted by date of upload in database)

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RESULT LIST
0 results found in the Worldwide database for:
cumulative AND density AND brightness AND bin in the title or abstract
(Results are sorted by date of upload in database)

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
6 results found in the Worldwide database for:
cumulative AND density AND brightness AND function in the title or abstract
(Results are sorted by date of upload in database)

1   **APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR**
    Inventor: PARK YUNG-JUN; OH JAE-HWAN; (+2)   Applicant: SAMSUNG ELECTRONICS CO LTD

    EC: IPC: H04N5/20; G06T5/00; (+5)

    Publication info: **JP2005039817** - 2005-02-10

2   **Apparatus and method for brightness control**
    Inventor: PARK YUNG-JUN (KR); YANG SEUNG-JOON   Applicant: SAMSUNG ELECTRONICS CO LTD (KR)
    (KR); (+2)
    EC: G06T5/00D; G06T5/40; (+1)   IPC: G06K9/40

    Publication info: **US2004109612** - 2004-06-10

3   **Device and method for controlling brightness of image signal**
    Inventor: KIM SANG YEON (KR)   Applicant: LG ELECTRONICS INC (KR)

    EC: G06T5/40; H04N5/20   IPC: H04N5/14; H04N5/52; (+1)

    Publication info: **US6700628** - 2004-03-02

4   **Image enhancement method and circuit using quantized mean-matching histogram equalization**
    Inventor: KIM YEONG-TAEG (KR)   Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

    EC: G06T5/40   IPC: G06K9/00; G06T5/40

    Publication info: **US5937090** - 1999-08-10

5   **VIDEO IMPROVING METHOD/CIRCUIT USING AVERAGE-MATCHING HISTOGRAM EQUALIZATION**
    Inventor: KIM YEONG-TAEG; CHO YONG-HUN   Applicant: SAM SUNG ELECTRONIC

    EC: G06T5/40   IPC: H04N5/57

    Publication info: **JP10032769** - 1998-02-03

6   **Method for image enhancing using quantized mean-separate histogram equalization and a circuit therefor**
    Inventor: KIM YOUNG-TAEK (KR)   Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

    EC: G06T5/20; G06T5/40   IPC: G06K9/00

    Publication info: **US5857033** - 1999-01-05

Searching PAJ

Search Results : 8   Index Indication | Clear |

Text Search | If you want to conduct a Number Search, please click on the button to the right. Number Search |

Applicant,Title of invention,Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.
One letter word or Stopwords are not searchable.

| probability density brightness | AND ▾ |

AND

| | AND ▾ |

AND

| | AND ▾ |

AND

Date of publication of application — e.g.19980401 - 19980405

| | - | |

AND

IPC — e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

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No.	Publication No.	Title
1.	2005 - 039817	APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR
2.	2002 - 231036	DISPLAY DEVICE
3.	10 - 032769(1998)	VIDEO IMPROVING METHOD/CIRCUIT USING AVERAGE-MATCHING HISTOGRAM EQUALIZATION
4.	06 - 241995(1994)	METHOD FOR DESIGNING PAINT FILM GIVING FEELING OF DEPTH
5.	05 - 130981(1993)	QUANTATIVE ANALYZING METHOD FOR SPOT
6.	62 - 276674(1987)	FEATURE AMOUNT EXTRACTING DEVICE FOR THREE-DIMENSIONAL OBJECT
7.	62 - 235583(1987)	DISPLAY UNIT FOR VIDEO RADAR
8.	55 - 164166(1980)	IMAGE RECORDING METHOD

Searching PAJ

Search Results : 2 | Index Indication | Clear |

| **Text Search** | If you want to conduct a Number Search, please click on the button to the right. | Number Search |

Applicant,Title of invention,Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.
One letter word or Stopwords are not searchable.

| probability density brightness cumulative | AND ▼ |

AND

| | AND ▼ |

AND

| | AND ▼ |

AND

Date of publication of application — e.g.19980401 - 19980405

| | - | |

AND

IPC — e.g. D01B7/04 A01C11/02

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| Search | Stored data |

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No.	Publication No.	Title
1.	<u>2005 - 039817</u>	APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR
2.	<u>10 - 032769(1998)</u>	VIDEO IMPROVING METHOD/CIRCUIT USING AVERAGE-MATCHING HISTOGRAM EQUALIZATION

Searching PAJ

Search Results : 1   Index Indication   Clear

Text Search If you want to conduct a Number Search, please click on the button to the right.   Number Search

Applicant,Title of invention,Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.
One letter word or Stopwords are not searchable.

| probability density brightness overflow | AND ▼ |

AND

| | AND ▼ |

AND

| | AND ▼ |

AND

Date of publication of application — e.g.19980401 - 19980405

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AND

IPC — e.g. D01B7/04 A01C11/02

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Search   Stored data

Copyright (C); 1998,2003 Japan Patent Office

No.	Publication No.	Title

1. <u>2005 - 039817</u> APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR

Searching PAJ

Search Results : 1

| Index Indication | Clear |

Text Search | If you want to conduct a Number Search, please click on the button to the right. | Number Search

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Applicant,Title of invention,Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

| probability density brightness underflow | AND ▾ |

AND

| | AND ▾ |

AND

| | AND ▾ |

AND

Date of publication of application — e.g.19980401 - 19980405

| | - | |

AND

IPC — e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

▼

| Search | Stored data |

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No. Publication No.   Title

1. <u>2005 - 039817</u>   APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR

Searching PAJ

Search Results : 0

Clear

Text Search If you want to conduct a Number Search, please click on the button to the right. Number Search

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Applicant,Title of invention,Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

| probability density brightness bin | AND ▾ |

AND

| | AND ▾ |

AND

| | AND ▾ |

AND

Date of publication of application --- e.g.19980401 - 19980405

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AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

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Search | Stored data

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Search Results : 0   Clear

| **Text Search** | If you want to conduct a Number Search, please click on the button to the right. | Number Search |

Applicant,Title of invention,Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

| cumulative density brightness bin | AND ▾ |

AND

| | AND ▾ |

AND

| | AND ▾ |

AND

Date of publication of application — e.g.19980401 - 19980405

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AND

IPC — e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

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| Search | Stored data |

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Searching PAJ

Search Results : 2   Index Indication   Clear

Text Search If you want to conduct a Number Search, please click on the button to the right.   **Number Search**

Applicant,Title of invention,Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.
One letter word or <u>Stopwords</u> are not searchable.

| cumulative density brightness function | AND ▾ |

AND

| | AND ▾ |

AND

| | AND ▾ |

AND

Date of publication of application --- e.g.19980401 - 19980405

| | - | |

AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

Search   Stored data

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No.	Publication No.	Title
1.	2005 - 039817	APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR
2.	10 - 032769(1998)	VIDEO IMPROVING METHOD/CIRCUIT USING AVERAGE-MATCHING HISTOGRAM EQUALIZATION

Searching PAJ

Search Results : 4　　[Index Indication]　　[Clear]

Text Search	If you want to conduct a Number Search, please click on the button to the right.	Number Search

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Applicant,Title of invention,Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

probability density brightness function	AND ▾

AND

	AND ▾

AND

	AND ▾

AND

Date of publication of application — e.g.19980401 - 19980405

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AND

IPC — e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

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[Search]　　[Stored data]

No.	Publication No.	Title
1.	2005 - 039817	APPARATUS FOR IMPROVING IMAGE QUALITY, AND METHOD THEREFOR
2.	10 - 032769(1998)	VIDEO IMPROVING METHOD/CIRCUIT USING AVERAGE-MATCHING HISTOGRAM EQUALIZATION
3.	06 - 241995(1994)	METHOD FOR DESIGNING PAINT FILM GIVING FEELING OF DEPTH
4.	62 - 276674(1987)	FEATURE AMOUNT EXTRACTING DEVICE FOR THREE-DIMENSIONAL OBJECT

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Probability density function, brightness | Search | Advanced Search / Preferences

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Results **1 - 10** of about **277,000** for **Probability density function, brightness**. (0.32 seconds)

Image Processing Fundamentals - Statistics
The **brightness probability density function** is frequently estimated by counting
the number of times that each **brightness** occurs in the region to generate a ...
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Image Processing Fundamentals - Histogram-based Operations
... input **probability density function**, the output **probability density function**,
... where P(a) is the **probability** distribution **function** defined in Section ...
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1 Digital images: A new algorithm for detecting corners in digital images   ◼
Eduard Sojka
April 2002 **Proceedings of the 18th spring conference on Computer graphics**

Full text available: 🅰 pdf(441.71 KB)   Additional Information: full citation, abstract, references, index terms

Corners and vertices are important features in images, which are frequently used for scene
analysis, stereo matching and object tracking. Many algorithms for detecting the corners
have been reported up to now. In this paper, a new algorithm is presented. The algorithm
is based on measuring the variance of the directions of the gradient of brightness. The
probability of the event that a point belongs to the approximation of a straight segment of
the isoline of brightness passing through the point ...

Keywords: Bayers' theorem, corner detection, digital image processing

2 Light reflection functions for simulation of clouds and dusty surfaces   ◼
James F. Blinn
July 1982 **ACM SIGGRAPH Computer Graphics , Proceedings of the 9th annual
conference on Computer graphics and interactive techniques**, Volume 16 Issue 3

Full text available: 🅰 pdf(877.76 KB)   Additional Information: full citation, abstract, references, citings, index terms

The study of the physical process of light interacting with matter is an important part of
computer image synthesis since it forms the basis for calculations of intensities in the
picture. The simpler models used in the past are being augmented by more complex models
gleaned from the physics literature. This paper is another step in the direction of
assimilating such knowledge. It concerns the statistical simulation of light passing through
and being reflected by clouds of similar small par ...

3 Coding image sequences for interactive retrieval   ◼
Andrew Lippman, William Butera
July 1989 **Communications of the ACM**, Volume 32 Issue 7

Full text available: 🅰 pdf(1.02 MB)   Additional Information: full citation, abstract, references, citings, index terms

An image coding technique for digital storage of motion picture information is presented
that is optimated for use in interactive systems where high quality still frames, random
access, and database linkages are required.

4 A rendering algorithm for visualizing 3D scalar fields   ◼
Paolo Sabella
June 1988 **ACM SIGGRAPH Computer Graphics , Proceedings of the 15th annual
conference on Computer graphics and interactive techniques**, Volume 22 Issue 4

Full text available: 🅰 pdf(3.86 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper presents a ray tracing algorithm for rendering 3D scalar fields. An illumination model is developed in which the field is characterized as a varying density emittter with a single level of scattering. This model is equivalent to a particle system in which the particles are sufficiently small. Along each ray cast from the eye, the field is expressed as a function of the ray parameter. The algorithm computes properties of the field along the ray such as the attenuated intensity, the pea ...

Keywords: 3D image, light scattering, ray tracing, thresholding

5 A Parallel Implementation of 4-Dimensional Haralick Texture Analysis for Disk-Resident Image Datasets

Brent Woods, Bradley Clymer, Joel Saltz, Tahsin Kurc
November 2004 **Proceedings of the 2004 ACM/IEEE conference on Supercomputing**

Full text available: 📄 pdf(386.59 KB)   Additional Information: full citation, abstract

Texture analysis is one possible method to detect features in biomedical images. During texture analysis, texture related information is found by examining local variations in image brightness. 4-dimensional (4D) Haralick texture analysis is a method that extracts local variations along space and time dimensions and represents them as a collection of fourteen statistical parameters. However, the application of the 4D Haralick method on large time-dependent 2D and 3D image datasets is hindered by ...

6 Monte Carlo Volume Rendering

Balazs Csebfalvi, Szirmay-Kalos Szirmay-Kalos
October 2003 **Proceedings of the 14th IEEE Visualization 2003 (VIS'03) VIS '03**

Full text available: 📄 pdf(730.92 KB)   Additional Information: full citation, abstract

In this paper a novel volume-rendering technique based on Monte Carlo integration is presented. As a result of a preprocessing, a point cloud of random samples is generated using a normalized continuous reconstruction of the volume as a probability density function. This point cloud is projected onto the image plane, and to each pixel an intensity value is assigned which is proportional to the number of samples projected onto the corresponding pixel area. In such a way a simulated X-ray image of ...

Keywords: X-ray volume rendering, Monte Carlo integration, importance sampling, progressive refinement

7 Non-photorealistic rendering: Fast primitive distribution for illustration

Adrian Secord, Wolfgang Heidrich, Lisa Streit
July 2002 **Proceedings of the 13th Eurographics workshop on Rendering EGRW '02**

Full text available: 📄 pdf(1.64 MB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper we present a high-quality, image-space approach to illustration that preserves continuous tone by probabilistically distributing primitives while maintaining interactive rates. Our method allows for frame-to-frame coherence by matching movements of primitives with changes in the input image. It can be used to create a variety of drawing styles by varying the primitive type or direction. We show that our approach is able to both preserve tone and (depending on the drawing style) hig ...

8 Metropolis light transport

Eric Veach, Leonidas J. Guibas
August 1997 **Proceedings of the 24th annual conference on Computer graphics and interactive techniques**

Full text available: 📄 pdf(3.45 MB)   Additional Information: full citation, references, citings, index terms

Keywords: Markov Chain Monte Carlo methods, Metropolis-Hastings algorithm, Monte Carlo integration, global illumination, lighting simulation, physically-based rendering, radiative heat transfer, variance reduction

9 Using the visual differences predictor to improve performance of progressive global illumination computation

Valdimir Volevich, Karol Myszkowski, Andrei Khodulev, Edward A. Kopylov

April 2000 **ACM Transactions on Graphics (TOG),** Volume 19 Issue 2

Full text available: pdf(1.87 MB)   Additional Information: full citation, abstract, references, citings, index terms

A novel view-independent technique for progressive global illumination computing that uses prediction of visible differences to improve both efficiency and effectiveness of physically-sound lighting solutions has been developed. The technique is a mixture of stochastic (density estimation) and deterministic (adaptive mesh refinement) algorithms used in a sequence and optimized to reduce the differences between the intermediate and final images as perceived by the human observer in the cours ...

Keywords: Monte Carlo photon tracing, adaptive mesh subdivision, density estimation, human perception, progressive refinement, view-independent solutions

10 Image Models

Narendra Ahuja, B. J. Schachter

December 1981 **ACM Computing Surveys (CSUR),** Volume 13 Issue 4

Full text available: pdf(2.99 MB)   Additional Information: full citation, references, citings, index terms

11 Ray tracing: Energy redistribution path tracing

David Cline, Justin Talbot, Parris Egbert

July 2005 **ACM Transactions on Graphics (TOG),** Volume 24 Issue 3

Full text available: pdf(714.23 KB)   Additional Information: full citation, abstract, references, index terms

We present Energy Redistribution (ER) sampling as an unbiased method to solve correlated integral problems. ER sampling is a hybrid algorithm that uses Metropolis sampling-like mutation strategies in a standard Monte Carlo integration setting, rather than resorting to an intermediate probability distribution step. In the context of global illumination, we present Energy Redistribution Path Tracing (ERPT). Beginning with an inital set of light samples taken from a path tracer, ERPT uses path muta ...

Keywords: Monte Carlo integration, correlated integrals, energy redistribution, global illumination, metropolis light transport, path tracing

12 Power Minimization in a Backlit TFT-LCD Display by Concurrent Brightness and Contrast Scaling

Wei-Chung Cheng, Yu Hou, Massoud Pedram

February 2004 **Proceedings of the conference on Design, automation and test in Europe - Volume 1**

Full text available: pdf(196.42 KB)   Additional Information: full citation, abstract, citings, index terms

This paper presents a Concurrent Brightness and Contrast Scaling (CBCS) technique for a cold cathode fluorescent lamp (CCFL) backlit TFT-LCD display. The proposed technique aimsat conserving power by reducing the backlight illumination while retaining the image fidelity through preservation of the image contrast. First, we explain how CCFL works and show how to model the non-linearity between its backlight illumination and power consumption. Next, we propose the contrast distortion metric to qua ...

13 Jeremiah: the face of computer vision

Richard Bowden, Pakorn Kaewtrakulpong, Martin Lewin

June 2002 **Proceedings of the 2nd international symposium on Smart graphics SMARTGRAPH '02**

Full text available: pdf(4.69 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper presents a humanoid computer interface (Jeremiah) that is capable of extracting moving objects from a video stream and responding by directing the gaze of an animated head toward it. It further responds through change of expression reflecting the emotional state of the system as a response to stimuli. As such, the system exhibits similar behavior to a child. The system was originally designed as a robust visual tracking system capable of performing accurately and consistently within a ...

Keywords: artificial life, computer vision, human computer interaction, interactive virtual humans, public understanding of science

14 Computational Approaches to Image Understanding

Michael Brady
January 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 1

Full text available: pdf(10.04 MB)   Additional Information: full citation, references, citings, index terms

15 The computation of optical flow

S. S. Beauchemin, J. L. Barron
September 1995 **ACM Computing Surveys (CSUR)**, Volume 27 Issue 3

Full text available: pdf(3.06 MB)   Additional Information: full citation, abstract, references, citings, index terms

Two-dimensional image motion is the projection of the three-dimensional motion of objects, relative to a visual sensor, onto its image plane. Sequences of time-orderedimages allow the estimation of projected two-dimensional image motion as either instantaneous image velocities or discrete image displacements. These are usually called the optical flow field or the image velocity field. Provided that optical flow is a reliable approximation to two-dimensional ...

16 Computer Processing of Line-Drawing Images

Herbert Freeman
January 1974 **ACM Computing Surveys (CSUR)**, Volume 6 Issue 1

Full text available: pdf(3.18 MB)   Additional Information: full citation, references, citings, index terms

17 Content analysis: A mid-level representation framework for semantic sports video analysis

Ling-Yu Duan, Min Xu, Tat-Seng Chua, Qi Tian, Chang-Sheng Xu
November 2003 **Proceedings of the eleventh ACM international conference on Multimedia**

Full text available: pdf(1.42 MB)   Additional Information: full citation, abstract, references, citings, index terms

Sports video has been widely studied due to its tremendous commercial potentials. Despite encouraging results from various specific sports games, it is almost impossible to extend a system for a new sports game because they usually employ different sets of low-level features appropriate for the specific games and closely coupled with the use of game specific rules to detect events or highlights. There is a lack of internal representation and structure to be generic and applicable for many differ ...

Keywords: events, mid-level representation, semantics, sports video

18 Face recognition: A literature survey

W. Zhao, R. Chellappa, P. J. Phillips, A. Rosenfeld
December 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 4

Full text available: pdf(4.28 MB)   Additional Information: full citation, abstract, references, citings, index terms

As one of the most successful applications of image analysis and understanding, face

recognition has recently received significant attention, especially during the past several years. At least two reasons account for this trend: the first is the wide range of commercial and law enforcement applications, and the second is the availability of feasible technologies after 30 years of research. Even though current machine recognition systems have reached a certain level of maturity, their success is ...

Keywords: Face recognition, person identification

19 Vector Plots for Irregular Grids

Don Dovey
October 1995 **Proceedings of the 6th conference on Visualization '95**

Full text available: pdf(625.40 KB)
Publisher Site

Additional Information: full citation, abstract, citings

A standard method for visualizing vector fields consists of drawing many small ``glyphs'' to represent the field. This paper extends the technique from regular to curvilinear and unstructured grids. In order to achieve a uniform density of vector glyphs on nonuniformly spaced grids, the paper describes two approaches to resampling the grid data. One of the methods, an element-based resampling, can be used to visualize vector fields at arbitrary surfaces within three-dimensional grids.

Keywords: visualization, unstructured grids

20 A model for simulating the photographic development process on digital images

Joe Geigel, F. Kenton Musgrave
August 1997 **Proceedings of the 24th annual conference on Computer graphics and interactive techniques**

Full text available: pdf(1.22 MB)   Additional Information: full citation, references, citings, index terms

Keywords: digital effects, photography, post-processing, simulation, tone reproduction

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1 Non-photorealistic rendering: Fast primitive distribution for illustration ■

Adrian Secord, Wolfgang Heidrich, Lisa Streit
July 2002   **Proceedings of the 13th Eurographics workshop on Rendering EGRW '02**

Full text available: 📄 pdf(1.64 MB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper we present a high-quality, image-space approach to illustration that preserves continuous tone by probabilistically distributing primitives while maintaining interactive rates. Our method allows for frame-to-frame coherence by matching movements of primitives with changes in the input image. It can be used to create a variety of drawing styles by varying the primitive type or direction. We show that our approach is able to both preserve tone and (depending on the drawing style) hig ...

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2 Metropolis light transport ■

Eric Veach, Leonidas J. Guibas
August 1997 **Proceedings of the 24th annual conference on Computer graphics and interactive techniques**

Full text available: 📄 pdf(3.45 MB)   Additional Information: full citation, references, citings, index terms

Keywords: Markov Chain Monte Carlo methods, Metropolis-Hastings algorithm, Monte Carlo integration, global illumination, lighting simulation, physically-based rendering, radiative heat transfer, variance reduction

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3 Monte Carlo Volume Rendering ■

Balazs Csebfalvi, Szirmay-Kalos Szirmay-Kalos
October 2003 **Proceedings of the 14th IEEE Visualization 2003 (VIS'03) VIS '03**

Full text available: 📄 pdf(730.92 KB)   Additional Information: full citation, abstract

In this paper a novel volume-rendering technique based on Monte Carlo integration is presented. As a result of a preprocessing, a point cloud of random samples is generated using a normalized continuous reconstruction of the volume as a probability density function. This point cloud is projected onto the image plane, and to each pixel an intensity value is assigned which is proportional to the number of samples projected onto the corresponding pixel area. In such a way a simulated X-ray image of ...

Keywords: X-ray volume rendering, Monte Carlo integration, importance sampling, progressive refinement

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W. Zhao, R. Chellappa, P. J. Phillips, A. Rosenfeld
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Keywords: Face recognition, person identification

5 Three-dimensional object recognition

Paul J. Besl, Ramesh C. Jain
March 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 1

A general-purpose computer vision system must be capable of recognizing three-dimensional (3-D) objects. This paper proposes a precise definition of the 3-D object recognition problem, discusses basic concepts associated with this problem, and reviews the relevant literature. Because range images (or depth maps) are often used as sensor input instead of intensity images, techniques for obtaining, processing, and characterizing range data are also surveyed.

6 Visualize a port in Africa

James N. Robinson
December 1997 **Proceedings of the 29th conference on Winter simulation**

7 DB-IR-1 (databases and information retrieval): indexing and query processing effiency: Image similarity search with compact data structures

Qin Lv, Moses Charikar, Kai Li
November 2004 **Proceedings of the thirteenth ACM conference on Information and knowledge management**

The recent theoretical advances on compact data structures (also called "sketches") have raised the question of whether they can effectively be applied to content-based image retrieval systems. The main challenge is to derive an algorithm that achieves high-quality similarity searches while using compact metadata. This paper proposes a new similarity search method consisting of three parts. The first is a new region feature representation with weighted $=<i></i><inf>1</inf>$ di ...

Keywords: compact data structures, image similarity, search

8 Data compression

Debra A. Lelewer, Daniel S. Hirschberg
September 1987 **ACM Computing Surveys (CSUR)**, Volume 19 Issue 3

This paper surveys a variety of data compression methods spanning almost 40 years of research, from the work of Shannon, Fano, and Huffman in the late 1940s to a technique developed in 1986. The aim of data compression is to reduce redundancy in stored or communicated data, thus increasing effective data density. Data compression has important application in the areas of file storage and distributed systems. Concepts from information theory as they relate to the goals and evaluation of data ...

9 Jagged edges: when is filtering needed?

Avi C. Naiman
October 1998 **ACM Transactions on Graphics (TOG)**, Volume 17 Issue 4

Full text available: pdf(275.67 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

Depiction of oblique edges by discrete pixels usually results in visible stair steps, often called jaggies. A variety of filtering approaches exists to minimize this visual artifact, but none has been applied selectively only to those edges that would otherwise appear jagged. A recent series of experiments has led to a model of the visibility of jagged edges. Here, we demonstrate how these data can be used efficiently to determine when filtering of edges is needed to elimin ...

Keywords: image quality, jagged edges, jaggies, visual sensitivity

10 A survey of image registration techniques

Lisa Gottesfeld Brown
December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Full text available: pdf(5.20 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

Registration is a fundamental task in image processing used to match two or more pictures taken, for example, at different times, from different sensors, or from different viewpoints. Virtually all large systems which evaluate images require the registration of images, or a closely related operation, as an intermediate step. Specific examples of systems where image registration is a significant component include matching a target with a real-time image of a scene for target recognition, mon ...

Keywords: image registration, image warping, rectification, template matching

11 VizSEC innovative visualizations session: CyberSeer: 3D audio-visual immersion for network security and management

Christos Papadopoulos, Chris Kyriakakis, Alexander Sawchuk, Xinming He
October 2004 **Proceedings of the 2004 ACM workshop on Visualization and data mining for computer security**

Full text available: pdf(439.86 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Large complex networks have become an inseparable part of modern society. However, very little has been done to develop tools to manage and ensure the security of such networks. Network operators continue to slave over endless daily logs and alerts in a struggle to keep networks operational. Perhaps the most formidable enemy of network operations today is the volume of management data that must be perused. Expensive commercial products attempt to visualize data but with limited utility, as wi ...

Keywords: monitoring, network security, network visualization

12 Special section on impact of quantum technologies on networks and networking research: Infrastructure for the quantum internet

Seth Lloyd, Jeffrey H. Shapiro, Franco N. C. Wong, Prem Kumar, Selim M. Shahriar, Horace P. Yuen
October 2004 **ACM SIGCOMM Computer Communication Review**, Volume 34 Issue 5

Full text available: pdf(726.84 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

A team of researchers from the Massachusetts Institute of Technology (MIT) and Northwestern University (NU) is developing a system for long-distance, high- delity qubit tele-portation. Such a system will be required if future quantum computers are to be linked together into a quantum Internet. This paper presents recent progress that the MIT/NU team has made, beginning with a review of the teleportation architecture and its loss-limited performance analysis.

Keywords: entanglement, quantum communication, quantum memory, qubits, teleportation

13 <u>Video parsing, retrieval and browsing: an integrated and content-based solution</u>
H. J. Zhang, C. Y. Low, S. W. Smoliar, J. H. Wu
January 1995 **Proceedings of the third ACM international conference on Multimedia**
Full text available: 🗐 <u>htm(51.17 KB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Keywords: database, multimedia, video browsing, video indexing, video parsing, video retrieval

14 <u>Superior augmented reality registration by integrating landmark tracking and magnetic tracking</u>
Andrei State, Gentaro Hirota, David T. Chen, William F. Garrett, Mark A. Livingston
August 1996 **Proceedings of the 23rd annual conference on Computer graphics and interactive techniques**
Full text available: 🗐 <u>pdf(1.43 MB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Keywords: augmented reality, calibration, frame buffer techniques, registration, stereo video see-though head-mounted display

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1 Monte Carlo Volume Rendering   ■
Balazs Csebfalvi, Szirmay-Kalos Szirmay-Kalos
October 2003 **Proceedings of the 14th IEEE Visualization 2003 (VIS'03) VIS '03**

Full text available: 🗎 pdf(730.92 KB)   Additional Information: full citation, abstract

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Keywords: X-ray volume rendering, Monte Carlo integration, importance sampling, progressive refinement

2 Data compression   ■
Debra A. Lelewer, Daniel S. Hirschberg
September 1987 **ACM Computing Surveys (CSUR)**, Volume 19 Issue 3

Full text available: 🗎 pdf(3.61 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

This paper surveys a variety of data compression methods spanning almost 40 years of research, from the work of Shannon, Fano, and Huffman in the late 1940s to a technique developed in 1986. The aim of data compression is to reduce redundancy in stored or communicated data, thus increasing effective data density. Data compression has important application in the areas of file storage and distributed systems. Concepts from information theory as they relate to the goals and evaluation of data ...

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1 Data compression
Debra A. Lelewer, Daniel S. Hirschberg
September 1987 **ACM Computing Surveys (CSUR)**, Volume 19 Issue 3

Full text available: 🔲 pdf(3.61 MB)

Additional Information: full citation, abstract, references, citings, index terms, review

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Geoscience and Remote Sensing, IEEE Transactions on
Volume 34, Issue 5, Sept. 1996 Page(s):1213 - 1232
Digital Object Identifier 10.1109/36.536538

AbstractPlus | References | Full Text: PDF(2224 KB)   IEEE JNL

☐   2. **A stochastic model for active fire detection using the thermal bands of MODIS data**
Liew, S.C.; Lim, A.; Kwoh, L.K.;
Geoscience and Remote Sensing Symposium, 2004. IGARSS '04. Proceedings. 2004 IEEE International
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Digital Object Identifier 10.1109/LGRS.2005.848505

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☐   4. **Contrast enhancement using histogram equalization with bin underflow and bin overflow**
Seungjoon Yang; Jae Hwan Oh; Yungfun Park;
Image Processing, 2003. ICIP 2003. Proceedings. 2003 International Conference on
Volume 1, 14-17 Sept. 2003 Page(s):I - 881-4 vol.1
Digital Object Identifier 10.1109/ICIP.2003.1247104

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☐   5. **Scattering and emission from two-scale randomly rough sea surface with foam scatterers**
Huang, X.-Z.; Jin, Y.-Q.;
Microwaves, Antennas and Propagation, IEE Proceedings -
Volume 142, Issue 2, April 1995 Page(s):109 - 114

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☐   6. **Speckle reduction by spatial filtering**
Mancini, P.; Griffiths, H.D.;
Synthetic Aperture Radar, IEE Colloquium on
29 Nov 1989 Page(s):8/1 - 8/6

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☐   7. **Image enhancement based on equal area dualistic sub-image histogram equalization method**
Yu Wang; Qian Chen; Baeomin Zhang;

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8. **Multidimensional modeling of image quality**

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Yeong-Taeg Kim;
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International
Conference on
Volume 4, 21-24 April 1997 Page(s):2797 - 2800 vol.4
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Seungjoon Yang; Jae Hwan Oh; Yungfun Park;
Image Processing, 2003. ICIP 2003. Proceedings. 2003 International Conference on
Volume 1, 14-17 Sept. 2003 Page(s):I - 881-4 vol.1
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Seungjoon Yang; Jae Hwan Oh; Yungfun Park;
Image Processing, 2003. ICIP 2003. Proceedings. 2003 International Conference on
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